

PURDUE RESEARCH FOUNDATION



DIVISION OF
SPONSORED PROGRAMS

May 6, 1992

A. F. Kwitnieski
Associate Counsel/Senior
OCNR Patent Attorney
Department of the Navy
Office of the Chief of Naval Research
Arlington, VA 22217-5000

Dear Mr. Kwitnieski:

SUBJECT: Grant N00014-89-J-1864

Enclosed is the final report on DD Form 882, Report of Inventions and Subcontracts, for the above referenced Subject covering the period February 1, 1989 through December 31, 1991.

Sincerely,

(b) (6)

William E. Baitinger, Associate Director
Division of Sponsored Programs

WEB:rw
Enclosure
Ref: 530 1285-0892

cc: M. Melloch
P. Harless, Grants Officer
J. Mumma, ONRRR/Chicago
P. Oswalt

REPORT OF INVENTIONS AND SUBCONTRACTS

(Pursuant to "Patent Rights" Contract Clause) (See Instructions on Reverse Side.)

Form Approved
OMB No. 0704-0297
Expires Jun 30, 1992

Public reporting burden for this collection of information is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0297), Washington, DC 20503.

1a. NAME OF CONTRACTOR/SUBCONTRACTOR Purdue Research Foundation	c. CONTRACT NUMBER N00014-89-J-1864	2a. NAME OF GOVERNMENT PRIME CONTRACTOR	c. CONTRACT NUMBER	3. TYPE OF REPORT (X one) a. INTERIM <input type="checkbox"/> b. FINAL <input checked="" type="checkbox"/>
b. ADDRESS (Include ZIP Code) 1021 Hovde Hall, Room 312 West Lafayette, IN 47907-1021	d. AWARD DATE (YYMMDD) 890201	b. ADDRESS (Include ZIP Code)	d. AWARD DATE (YYMMDD)	4. REPORTING PERIOD (YYMMDD) a. FROM 890201 b. TO 911231

SECTION I - SUBJECT INVENTIONS

5. "SUBJECT INVENTIONS" REQUIRED TO BE REPORTED BY CONTRACTOR/SUBCONTRACTOR (If "None," so state)

a. NAME(S) OF INVENTOR(S) (Last, First, MI)	b. TITLE OF INVENTION(S)	c. DISCLOSURE NO., PATENT APPLICATION SERIAL NO. OR PATENT NO.	d. ELECTION TO FILE PATENT APPLICATIONS				e. CONFIRMATORY INSTRUMENT OR ASSIGNMENT FORWARDED TO CONTRACTING OFFICER	
			(1) United States		(2) Foreign		(1) Yes	(2) No
			(a) Yes	(b) No	(a) Yes	(b) No	(1) Yes	(2) No
Melloch, Michael R.	"Compound Semiconductor Having Metallic Inclusions and Devices Fabricated Therefrom"	P 91075 (see attached)						

f. EMPLOYER OF INVENTOR(S) NOT EMPLOYED BY CONTRACTOR/SUBCONTRACTOR			g. ELECTED FOREIGN COUNTRIES IN WHICH A PATENT APPLICATION WILL BE FILED	
(1) (a) Name of Inventor (Last, First, MI)	(2) (a) Name of Inventor (Last, First, MI)	(1) Title of Invention	(2) Foreign Countries of Patent Application	
(b) Name of Employer	(b) Name of Employer			
(c) Address of Employer (Include ZIP Code)	(c) Address of Employer (Include ZIP Code)			

SECTION II - SUBCONTRACTS (Containing a "Patent Rights" clause)

6. SUBCONTRACTS AWARDED BY CONTRACTOR/SUBCONTRACTOR (If "None," so state)

a. NAME OF SUBCONTRACTOR(S)	b. ADDRESS (Include ZIP Code)	c. SUBCONTRACT NO.(S)	d. DFAR "PATENT RIGHTS"		e. DESCRIPTION OF WORK TO BE PERFORMED UNDER SUBCONTRACT(S)	f. SUBCONTRACT DATES (YYMMDD)	
			(1) Clause Number	(2) Date (YYMM)		(1) Award	(2) Estimated Completion

SECTION III - CERTIFICATION

7. CERTIFICATION OF REPORT BY CONTRACTOR/SUBCONTRACTOR		(Not required if	Small Business or	<input checked="" type="checkbox"/> Non-Profit organization.) (X appropriate box)
a. NAME OF AUTHORIZED CONTRACTOR/SUBCONTRACTOR OFFICIAL (Last, First, MI) Baitinger, W. E.	c. I certify that the reporting party has procedures for prompt identification and timely disclosure of "Subject Inventions," that such procedures have been followed and that all "Subject Inventions" have been reported.			
b. TITLE Associate Director Division of Sponsored Programs	d. SIGNATURE (b) (6)	e. DATE SIGNED 920506		

PURDUE RESEARCH FOUNDATION



DIVISION OF
SPONSORED PROGRAMS

November 12, 1991

David Aker
IBM Corporation
Route 9A, Stormytown Road
Bldg. 74-E05
Ossining, NY 10562

Re: "Compound Semiconductor Having Metallic Inclusions and
Devices Fabricated Therefrom"

Dear David:

Enclosed is a dated Declaration and Power of Attorney for
the above application as you requested. Also, below is a draft
of the Notice of Government funding on this application that must
be included in this application:

"This invention was made with Government support under
N00014-89-J-1864 awarded by the Office of Naval Research.
This Government has certain rights in the invention."

If you should need anything else, please do not hesitate to
contact me.

Best regards,

(b) (6)

William E. Baitinger
Director
Office of Technology Transfer

WEB/hv

Enclosure

cc: M. Melloch ✓
N. Otsuka
P 91075

PURDUE RESEARCH FOUNDATION



DIVISION OF
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REF: DSP #K259

April 10, 1989

Ms. Betti Sue Moya
Contract Negotiator
Department of the Navy
Office of the Chief of Naval Research
Arlington, VA 22217-5000

Subject: Proposal Entitled, "GaAs Gate Dynamic
Memory Technology"
Project Director: M. R. Melloch
Purdue Research Foundation

Dear Ms. Moya:

Enclosed please find the Drug-Free Workplace/Debarment
Certification you requested for the subject proposal.

If you have any questions please contact me, at telephone
317/494-6204.

Sincerely,

(b) (6)

Keven Anne Gipson
Proposal Supervisor
Division of Sponsored Programs

Enclosure

CERTIFICATIONS

The following certifications apply to Proposal Number 414F004---06 "GaAs Gate Dynamic Memory Technology"

- (a) Pursuant to the requirements of OMB Circular A-129, this organization certifies that it is not delinquent on any Federal debt.
- (b) Pursuant to Executive Order 12549 and implementing rule, this organization certifies that it presently is not debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency.
- (3) Pursuant to PL 100-690 and implementing rule, this organization certifies that it will provide a drug-free workplace. The place of performance is:

Dept. of Electrical Engrg., Purdue University
Street Address

W. Lafayette, Tippecanoe, IN 47907
City, County, State, Zip Code

Organization: Purdue Research Foundation

(b) (6)

Authorized Representative: Louis Pellegrino, Assistant Director

Date: 4/10/89

Enclosure (1)